File Name	Trial number	Data ranges (seconds)	Comments
Abby.mat	1		Unusable
	2	17-39.7	Poor quality, see note
	3	50.25-61.5	Poor quality, see note
	4		Unusable
acg_9_26_19.mat	1		Unusable
	2		Unusable
	3	9.5-22.5	
	4	15.25-42	
	5	1.5-8	
			Unusable
Bijay.mat	1		Unusable
	2		Unusable
	3		
Kouhyar2.mat	1		Unusable
	2		Unusable
	3		Unusable
Parshuram.mat	1		Unusable
	2		See note
Rabie.mat	1	42-64	
	2	65-72, 77-86	

Notes:

1. All trials recorded at 100 Hz
2. The trials marked “unusable” mean that I am not able to identify a signal that represents an ACG in the current form. With filtering/processing these could possibly be used in the future.
3. The ACG signal must be inverted after recording. We inverted on the recording software, but now I can’t tell whether the exported data has been inverted or not. Once we have better quality recordings the need for inversion should be clear, but for now I’m guessing that the data exported without inversion. The plotting code I uploaded inverts the ACG before plotting.
4. The ECG has a low frequency trend for most of the files. This could be low passed out, or could be ignored and use a local peak finding algorithm to extract the ECG heart beat timing.
5. The ECG contains very bad 60 Hz noise for many trials. Because we are recording with a premade module, I cannot filter this with circuitry. For now we will have to put up with filtering it digitally.
6. ‘Abby.mat’: I was experimenting with recording in different positions, so most of this data is very bad.
7. ‘Parshuram.mat’: The ACG signal looks somewhat like an ECG. I wasn’t in the room when this was recorded, and I have no idea what is going on in this recording. The “ACG” is repetitive, but doesn’t appear to be a typical ACG morphology.